MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

JUNE 1924

J. A. BROWN, DIRECTOR

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JUNE 1924

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min.on grass		
1	759.6	759.4	753.5	757.5	26.9	21.2		12.2	
2	9.0	9.0	8.6	8.9	26.9	20.4		11.9	
3	8.7	8.5	8.0	8.4	26.9	19.6		12.1	
4	7.4	4.2	7.0	6.2	27.8	20.0		12.0	
5	6.6	6.0	6.1	6.2	27.9	20.4	—	6.5	—
6	7.2	7.1	8.0	7.4	28.3	21.2		9.6	
7	8.8	9.0	9.5	9.1	28.4	21.6		11.7	
8	9.9	9.7	9.0	9.5	28.1	22.3		9.8	
9	8.7	8.1	8.0	8.3	28.5	21.2		10.8	
10	9.3	9.4	9.5	9.4	28.6	22.3	—	11.5	—
11	9.1	9.2	8.4	8.9	28.4	21.0		12.2	
12	3.9	3.5	4.2	3.9	29.7	23.0		10.5	
13	6.9	7.0	7.6	7.2	29.2	23.2		5.0	3.81
14	7.5	6.9	7.0	7.1	27.9	19.4		5.4	9.525
15	5.0	4.7	5.1	4.9	28.6	22.7	—	7.5	—
16	4.1	4.5	5.7	4.8	29.7	21.3		7.8	
17	6.5	7.5	8.0	7.3	28.7	22.1		11.8	
18	7.9	7.5	6.6	7.3	29.7	22.3		10.6	
19	6.2	5.7	5.5	5.8	28.3	23.5		5.8	
20	5.1	4.8	4.8	4.9	29.2	20.6	—	5.4	—
21	4.1	4.7	5.1	4.6	28.9	23.4		4.5	0.76
22	5.0	5.5	6.8	5.8	28.7	20.8		7.8	4.57
23	7.3	7.6	9.6	8.1	29.2	22.6		7.0	
24	7.3	7.2	8.2	7.6	28.9	24.0		8.5	
25	7.9	7.6	7.9	7.8	29.3	21.6	—	11.0	—
26	7.0	6.0	5.2	6.1	29.6	21.9		6.2	
27	6.3	6.6	7.0	6.8	29.8	23.6		6.8	
28	7.8	7.5	7.7	7.7	28.9	24.4		11.6	
29	8.2	7.6	7.4	7.7	29.6	24.6		11.8	
30	6.9	6.2	6.0	6.4	29.3	25.1		11.5	
31									
	757.17	757.05	757.03	757.10	28.66	22.04		9.23	18.66

BAROMETER

Maximum	759.9	on 8th
Minimum	753.5	on 1st & 12th

THERMOMETER

Maximum	29.8	on 27th
Minimum	19.4	on 14th
Minimum on grass		on

RAINFALL

Maximum 9.25 mm. on 14th

Number of days with rain 4 thunderstorms 0 fog 0 gale 0

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	24.8	26.4	22.4	24.8	21.6	22.1	20.9	16.8	16.4	17.2	16.8	73	64	86	74
2	25.0	26.4	23.3	24.9	21.7	21.2	19.6	16.8	15.0	14.2	15.3	71	58	67	65
3	23.8	25.2	21.6	23.5	20.6	20.7	19.9	15.8	15.0	16.6	15.8	71	63	83	72
4	25.4	27.2	23.1	25.2	21.2	22.4	20.8	15.6	16.5	14.4	16.2	64	61	78	68
5	26.0	27.4	24.1	25.8	22.3	22.9	21.8	17.1	17.2	17.7	17.3	68	64	80	71
6	25.7	27.7	24.2	25.9	22.1	23.2	22.1	16.9	17.6	18.1	17.5	69	64	81	71
7	26.0	28.2	24.1	26.1	22.3	23.9	21.9	17.2	18.7	17.8	17.9	69	65	79	71
8	25.7	27.6	24.1	25.8	21.8	22.9	21.7	16.5	17.1	17.4	17.0	67	62	78	69
9	25.9	28.1	24.3	26.1	23.1	23.5	22.8	18.6	17.9	19.4	18.6	74	63	86	74
10	26.1	28.2	23.8	26.0	21.8	22.6	21.0	16.2	16.2	16.3	16.2	64	57	73	65
11	25.9	27.8	23.3	25.7	20.7	21.8	21.1	14.4	15.1	16.8	15.4	58	55	79	64
12	27.1	29.5	25.7	27.4	22.0	23.7	22.6	15.9	17.4	18.0	17.1	59	57	73	63
13	26.1	27.6	23.8	25.8	21.8	23.3	21.2	16.1	16.1	16.6	16.3	64	58	75	66
14	23.5	27.1	24.1	24.9	21.2	22.9	21.7	16.9	17.4	17.4	17.2	78	66	78	74
15	26.5	28.3	23.9	26.2	23.8	27.8	22.3	17.7	18.4	18.8	18.3	68	64	84	72
16	25.7	29.4	24.3	26.5	22.8	24.9	23.1	18.4	19.6	19.9	19.3	74	63	88	75
17	26.9	28.1	24.8	26.6	23.7	24.8	23.8	19.2	20.5	21.0	22.2	73	73	89	78
18	27.0	29.1	24.9	27.0	24.3	25.3	23.7	20.3	20.6	20.7	20.6	77	58	88	78
19	25.9	28.1	23.6	25.9	21.3	21.4	20.0	15.4	14.4	14.8	14.9	62	51	68	60
20	27.1	28.4	24.6	26.7	20.9	22.4	19.7	14.2	15.7	14.6	14.8	53	55	64	57
21	26.8	26.7	23.6	25.7	21.7	22.3	20.4	15.0	16.7	15.4	15.7	56	64	71	64
22	25.4	27.8	27.4	26.9	21.7	22.8	22.1	16.5	16.8	15.8	16.4	68	60	58	62
23	26.6	28.1	24.4	26.4	22.6	23.6	21.7	17.2	18.0	17.1	17.4	65	64	75	68
24	28.1	28.3	24.0	26.8	22.4	23.3	21.6	16.0	17.4	17.4	16.9	56	60	78	65
25	27.1	28.3	24.6	26.7	23.7	23.8	22.4	16.4	18.3	18.4	17.7	72	63	80	72
26	26.8	28.7	24.3	26.6	23.6	24.2	21.5	19.0	18.8	16.9	18.2	72	64	76	71
27	26.4	27.3	24.3	26.0	21.6	22.3	21.5	15.7	16.3	16.9	16.3	61	60	76	66
28	26.7	27.2	24.7	26.2	22.6	21.6	22.3	17.2	15.2	18.1	16.8	66	86	78	77
29	27.9	28.9	26.7	27.8	21.7	21.6	22.5	15.0	14.2	17.0	15.4	53	48	65	55
30	27.9	28.5	26.3	27.6	22.8	25.3	23.4	16.8	21.2	19.0	19.0	59	73	75	69
31															
	26.19	27.85	24.28	26.08	22.13	23.12	21.70	16.69	17.19	17.39	17.08	66.1	62.4	77.0	68.5

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	0	0	0	0	Iw	0	0	137.3	calm	
2	Is	0	0	0.3	I	Is	Inw	129.0	,,	
3	0	0	0	0	2	2	0	86.8	,,	
4	0	I	0	0.3	2	2s	I	196.6	slight	
5	3	3cu s	0	2.0	2s	I	0	168.8	calm	
6	0	0	0	0	Is	2	0	118.3	v. slight	
7	0	2s	0	0.7	0	2	0	80.2	calm	
8	0	3	0	0.7	I	2nw	I	122.2	v. slight	
9	0	0	0	0	Inw	2n	0	160.6	calm	
10	0	0	0	0	2	2	0	126.1	v. slight	
11	0	0	0	0	2	2	0	139.7	,,	
12	0	0	0	0	3ne	3ne	3n	353.5	v. rough	
13	I	7cu n	8cu n	5.3	2s	2	I	251.0	rough	
14	6cu n	2	4ci cu	4.0	Is	2	Is	224.3	slight	
15	0	I	0	0.3	2s	2	0	278.7	rough	
16	0	0	0	0	3	3s	0	211.8	,,	
17	0	0	0	0	I	0	0	121.7	calm	
18	I	2	0	1.0	I	0	0	85.2	,,	
19	0	0	0	0	2s	3	0	156.1	v. slight	
20	3ci	I	0	1.3	I	2	0	165.4	slight	
21	I	3	4cu n	2.7	2s	3	2	434.7	rough	
22	I	2cu ci	0	1.0	2s	3	3w	260.2	,,	
23	I	I	I	1.0	3	3	2s	248.2	,,	
24	2ci cu	7	0	3.0	I	2	2	165.9	slight	
25	0	0	0	0	3s	I	2	170.9	,,	
26	0	0	0	0	I	2s	I	123.4	v. slight	
27	4	2	0	2.0	I	2	0	186.5	slight	
28	0	0	0	0	2se	4n	3n	356.2	v. rough	
29	0	0	0	0	2s	2n	2n	527.3	slight	
30	0	0	0	0	2	In	In	384.1	rough	
31										
				0.85				205.65		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	1	10	15	1	1	1
2:30	4	1	0	0	4	17	0	1	3
8:30	4	0	0	0	2	7	1	1	15
Totals	8	2	0	1	16	39	2	3	19

N.B.—Cloud numbers without letters are all cu.

Wind ,, ,, ,, ,, ,, sw.